



DEP Stakeholder Meeting

Department of Environmental Protection

September 22, 2016

OVERVIEW OF MASSPORT'S TRIP REDUCTION STRATEGY AND PARKING CHALLENGES

Challenge - Airport Parking

The Boston Globe Logan, lots full, sends cars to park at Suffolk Downs



DAVID L. RYAN/GLOBE STAFF/FILE 2007

Drivers were able to park their cars at Suffolk Downs in East Boston free of charge. There was a shuttle back to Logan Airport.

By Katie Johnston | GLOBE STAFF FEBRUARY 26, 2014

La Guardia Traffic Congestion Causing Major Problems

At La Guardia, Check-In Line Starts at Highway

By PATRICK MCGEEHAN

Vice President Joseph R. Biden Jr.'s bleak assessment of La Guardia Airport as "third-world" propelled a complete reconstruction. But the path to a modern La Guardia was not supposed to include travelers dragging luggage through gridlocked traffic on a highway to catch their flights.

Now it does.

The most ambitious airport project in the country, an eight-

year, \$8 billion plan to turn La Guardia into a first-class travel hub, has barely begun, but social media has already been flooded with tales and images of taxis and buses mired in traffic jams, unable to get anywhere near terminals to pick up and drop off passengers.

On Monday, a particularly bad day, some harried travelers abandoned cars and navigated the clogged Grand Central Parkway — the main highway serving La Guardia — on foot with suitcases

in tow. Such traffic debacles have become so common that seasoned fliers and travel bloggers have recommended avoiding La Guardia altogether, perhaps for years to come.

The Transportation Security Administration has warned travelers to arrive at La Guardia "a minimum of 2-2 ½ hours" before takeoff, and maybe even earlier around holiday weekends.

Under any circumstances, turning the La Guardia that Mr. Biden derided in 2014 into the "globally renowned, 21st-century airport" that Gov. Andrew M. Cuomo of New York has promised would be an impressive feat. Doing it within the airport's confined space without disrupting the steady flow of planes and travelers is shaping up to be a monumental one.

Alan Snitow, a marketing and brand strategy consultant from Chicago, said he might steer clear of La Guardia, after the traffic jam on Monday made him late for a meeting with new clients in Manhattan.

"It was a disaster, and so much so that I'm literally planning to avoid it," Mr. Snitow, 40, said later that day as he waited to catch a



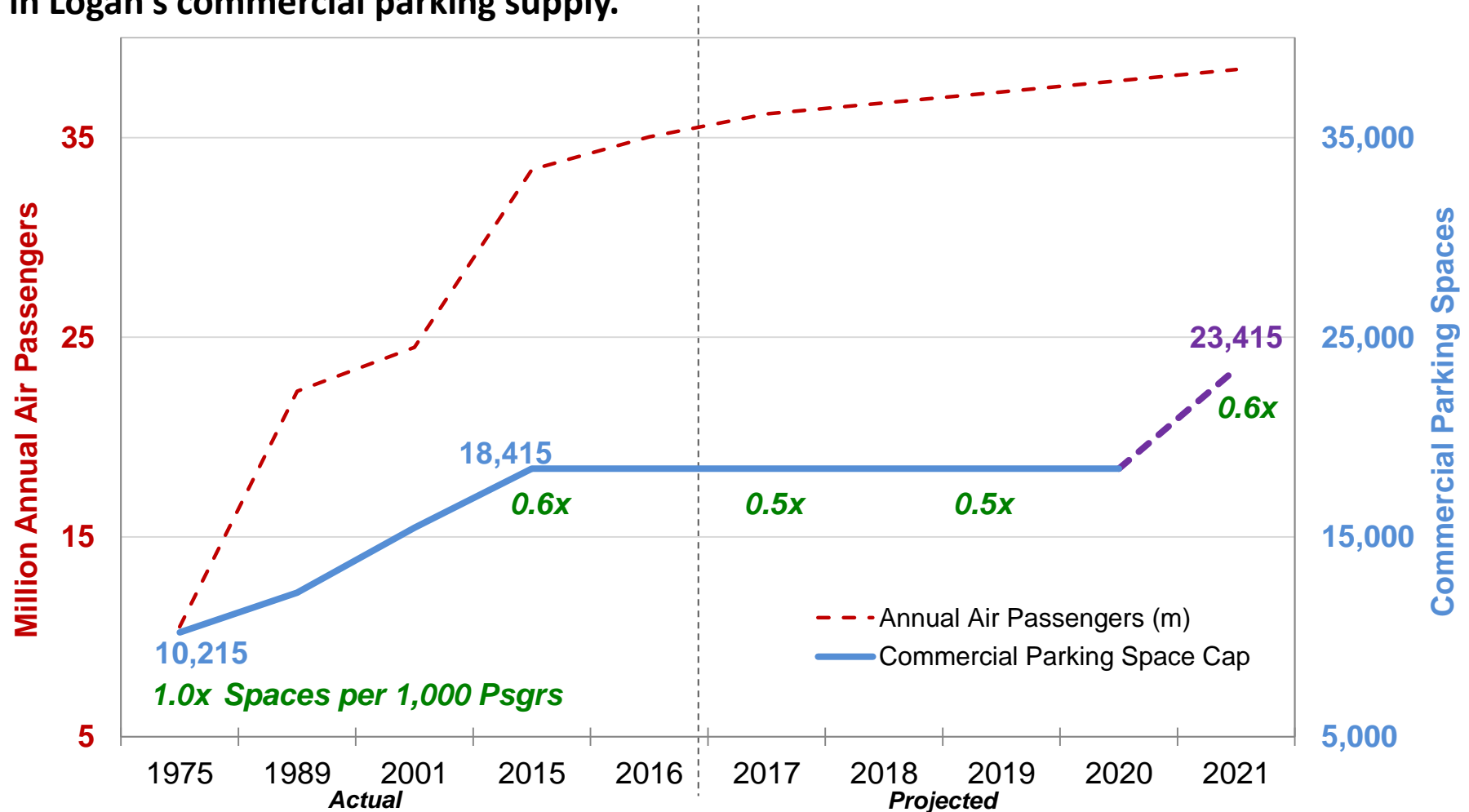
KATIE ROSMAN/THE NEW YORK TIMES

Gridlock on the main route serving La Guardia Airport in New York prompted some to walk to the terminals on Monday.

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Parking Capacity at Logan Airport Has Not Kept Pace with Passenger Growth

Since 1975, there has been a 220% increase in passengers, but only an 80% increase in Logan's commercial parking supply.



Note: Forecast passengers are High scenario.

Effect of Logan Parking Shortfall

- **Demand for parking at Logan exceeded supply in 40 of 52 weeks in 2015**
 - More than 100,000 passenger vehicles were diverted from Logan Airport parking facilities in 2015 and valet parked under viaducts, in parking lanes and other satellite locations on and off the Airport campus
 - During peak vacation weeks, Logan Express parking lots in Framingham, Woburn, and Braintree were full

Massport's Trip reduction strategy relies heavily on HOV.

30% HOV Use at Logan Due to Massport's Efforts and Investments, Ranks Top in the Country



Public Transportation – MBTA

- Blue Line Airport station
- Silver Line bus boardings – Free from Airport to South Station via South Boston Seaport



Logan Express

- Braintree - Purchased and renovated
- Framingham - Doubled supply with new garage
- Woburn & Peabody - Expanded service
- Back Bay Pilot - New service from Hynes / Copley



Bus Service

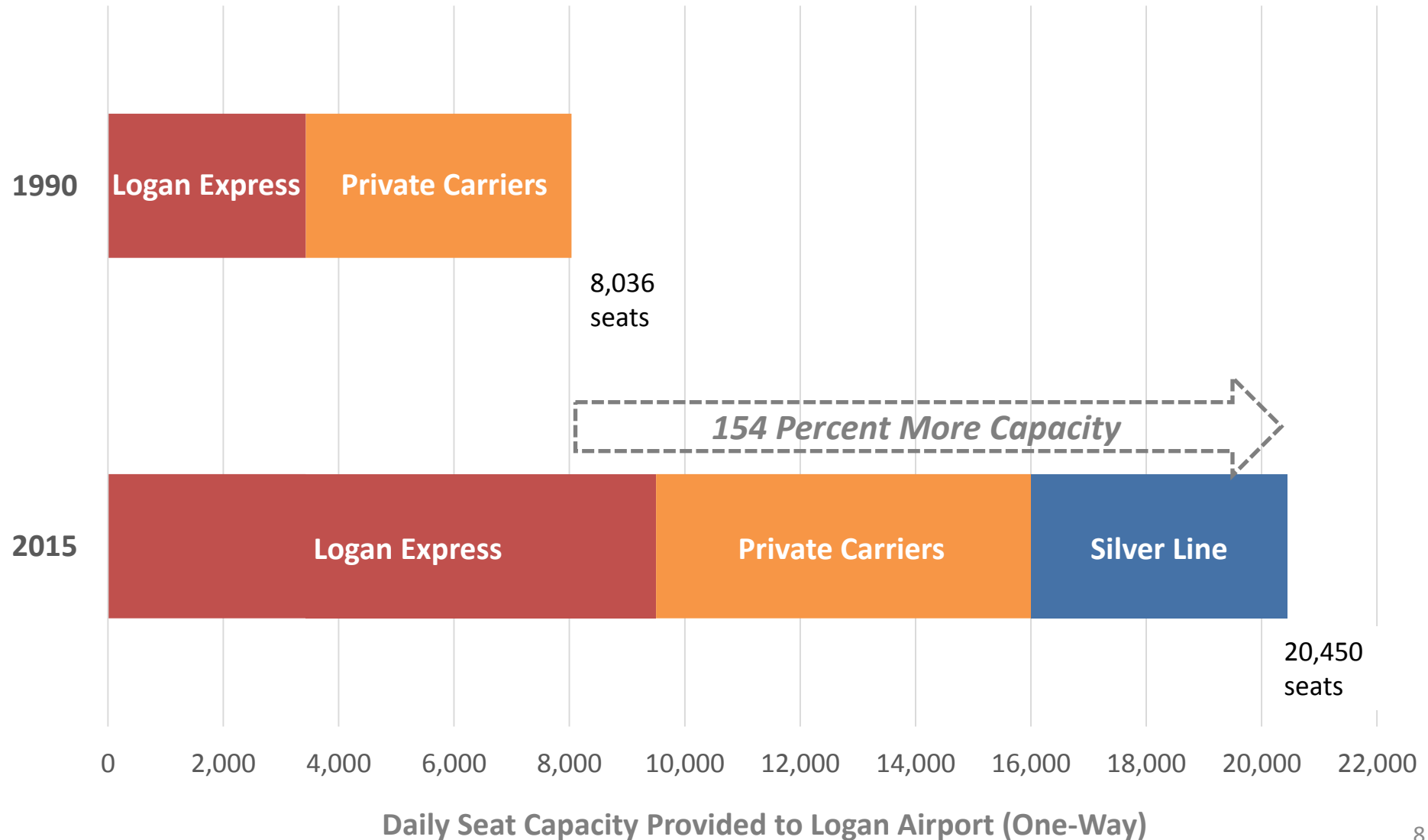
- Boston Bus Express
- C&J Bus Lines
- Peter Pan Bus
- Concord Coach Lines



HOV Lanes

- Route 93

Scheduled HOV seats to the airport have increased 2.5x since 1990



Parking Will Reduce Vehicle Miles Traveled (VMT)

- EPA Approval of SIP Amendment (1993):

“The existing parking freeze has had the unanticipated effect of vastly increasing passenger drop off and pick up, resulting in twice as many vehicle trips as would occur if each passenger drove to the airport.

The increase of 2,000 commercial spaces at the airport, coupled with the program for exchanging employee spaces for commercial spaces and with continuing improvements in alternate means of access to the airport, should lessen the drop-off/pick-up phenomenon.



VS.



By Reducing Vehicle Miles Traveled (VMT) Air Quality Improves

- **Annually, these “would-be” parkers generate vehicle miles equivalent to:**
 - 11 round trips to the moon
 - 1,700 round trips from Logan Airport to Seattle on I-90
 - approximately 4,300 metric tons of CO₂ or emissions from 4.6 million pounds of coal burned
- **The addition of 5,000 parking spaces at Logan will significantly reduce harmful vehicle emissions**
 - It's estimated that CO, VOCs, and NOx will be reduced 23%

The Logan Parking Freeze was Previously Amended to Address a Parking Shortfall

- In 1989 DEP amended the Logan freeze (approved by EPA in 1993), spurred by same problem we are facing today – lack of parking supply led to more drop-offs, VMT, and air pollution.

AMENDMENT PROPOSAL

In June 2016, Massport Proposed that DEP Amend the Parking Freeze to address existing Logan Parking Shortage

- Massport proposes that MassDEP amend the Massport / Logan Airport Parking Freeze Regulation, 310 CMR 7.30, by increasing the commercial parking freeze limit by 5,000 spaces

Proposal for Amendment and 5,000 Spaces

DEP Parking Freeze Amendment

- Amendment provides air quality benefits by increasing parking supply at Logan and reducing VMTs.
- Massport commits to study how to improve ground access to Logan with the intent of further increasing HOV seats and services offered.
- Additional Project-Specific mitigation measures are proposed for MEPA Section 61 findings tied to constructing new spaces.

MEPA Review and Mitigation

- ENF for new garage(s) to proceed concurrently with Parking Freeze amendment process
- Massport will commit to project-specific mitigation measures to improve HOV access focused HOV seats and services (e.g. Logan Express/Silver Line/Back Bay shuttle).
- DEP will advise on project-specific mitigation.

OUTREACH

The East Boston Logan Impact Advisory Group has been a Major Element of Massport's Community Outreach

- **Membership:** Presidents/leaders of 12 East Boston community groups & local elected officials/City of Boston:
 1. Neighborhood of Affordable Housing, Inc. (NOAH)
 2. East Boston Piers Project Advisory Council (Piers PAC)
 3. Eagle Hill Civic Association
 4. East Boston Chamber of Commerce
 5. East Boston Neighborhood Health Center
 6. Jeffries Point Neighborhood Association
 7. Airport Impacts Relief, Inc. (AIR, Inc.)
 8. Vilma's Boutique (East Boston Chamber Member)
 9. East Boston Greenway Council
 10. Orient Heights Neighborhood Association
 11. Gove Street Citizens Association
 12. Friends of the East Boston Greenway
 13. Mayor's Office, City of Boston
 14. City of Boston Transportation Department
 15. East Boston District City Councilor Sal LaMattina
 16. East Boston State Representative Adrian Madaro
 17. East Boston State Senator Joe Boncore

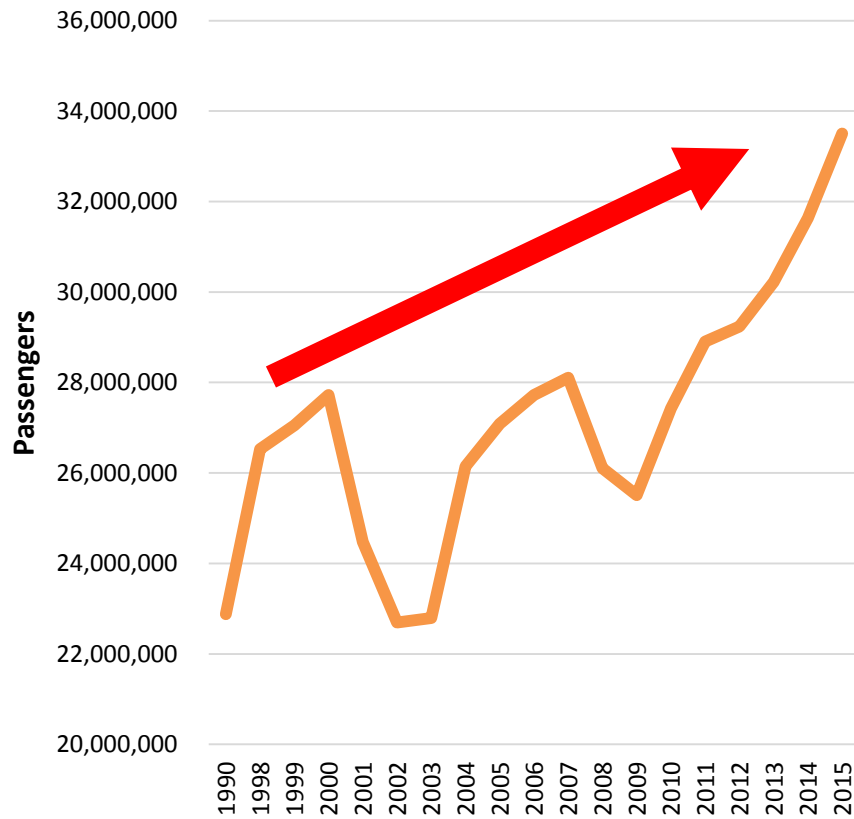
Logan Impact Advisory Group - Meetings

- Meetings in 2016
 1. February 18
 2. March 16
 3. April 6
 4. April 20
 5. June 28
 6. July 27
- Discuss Massport proposed projects
 - Terminal E Modernization, 7-new gates
 - Parking Freeze Amendment
 - 5,000 additional parking spaces in on-airport garage
- Receive feedback and input on project elements/locations
- Answer questions related to projects and Boston-Logan overall
- Discuss community benefit ideas and guide priorities

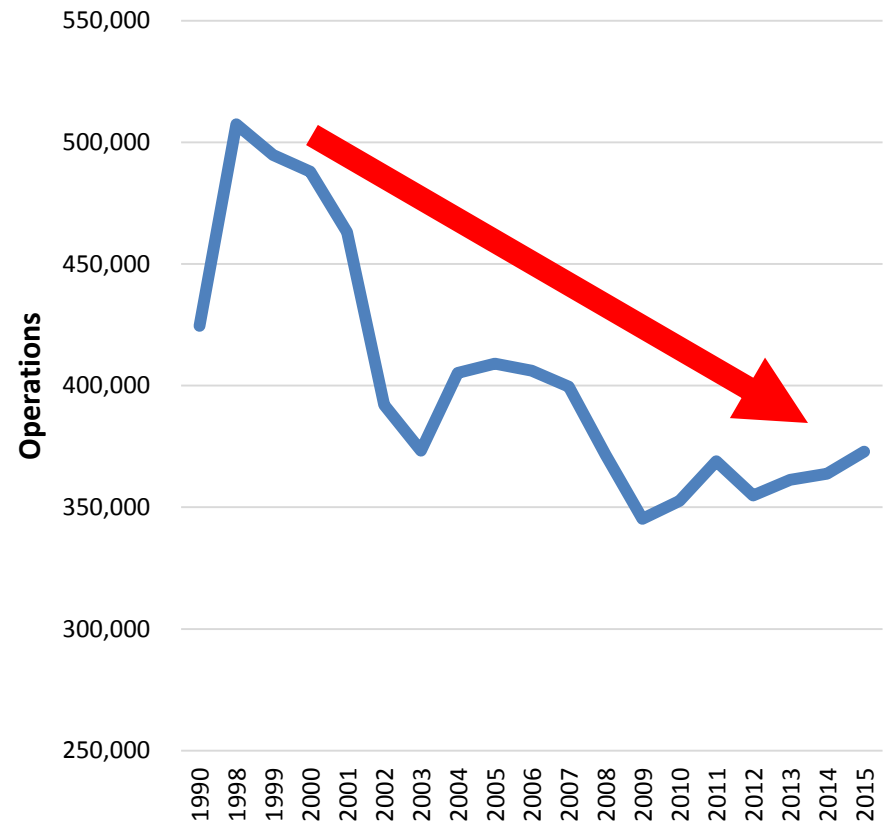
APPENDIX

Responsible Growth at Logan: More Passengers but Fewer Flights (Reduced By Over 100,000 Since the Peak in 1989)

Logan Airport Annual Passengers 1990 -2015



Logan Airport Annual Operations, 1990 - 2015



No New Gates Have Been Added in International Terminal E Since 1974

